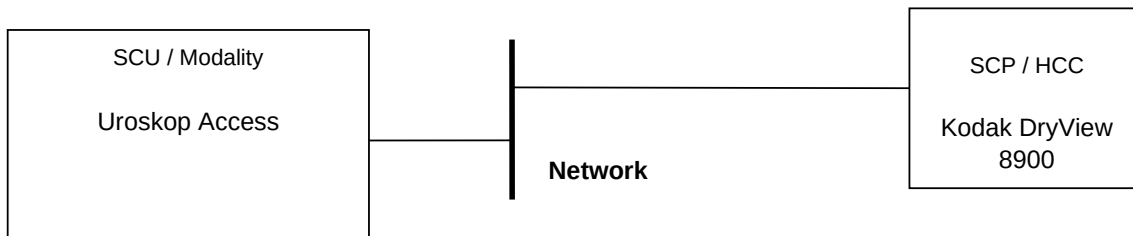


Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for Kodak DryView 8900
Systems affected:	Image System ASPIA
Replaces:	n.a.

1 General Information

1.1 Block Diagram



1.2 Available Film Sizes

Application		CT	Film Type	Medium Type
14"x17"	Portrait	yes	DVB	Blue-based
	Landscape	yes		
14"x14"	Portrait	yes	DVB	Blue-based
	Landscape	yes		
11"x14"	Portrait	yes	DVB	Blue-based
	Landscape	yes		
10"x12"	Portrait	yes	DVB	Blue-based
	Landscape	yes		
8"x10"	Portrait	yes	DVB	Blue-based
	Landscape	yes		
others		n.a.	n.a.	n.a.

yes - Film size is available and released
 no - Film size is available but not released
 n.a. - Film size is not available

1.3 Restrictions

Minimum density command is not supported. The value of the minimum density is the value of the fog on the film.

For HCC-independent restrictions, see also the general restrictions in the document Urooskop Access, General Hardcopy Information.

2 Modality SW Configurations / Parameters

Refer to: Urooskop Access, General Hardcopy Camera Information.

Application Entity Properties	Display	Changes allowed yes/no
AE Title	DV8900	Yes
Port Number	5040	No
Supported DICOM Services	Print	No

HC Device / General Settings		Display	Changes allowed
Type		DICOMprinter	No
Class (Printer Spec File Name)		kodak8900	No
DICOM Node		DV8900	Yes
Filming Properties		Display	Changes allowed
Hold Printed Film Jobs		10	Yes
Min. Density		0.20	No
Pixel Size [1/1000 mm]		78x78	No
Film Sheet Formats, Portrait	Number of pixels [columns x rows]	14x17 Inches 4448x5306 14x14 Inches 4448x4331 11x14 Inches 3356x4448 10x12 Inches 3143x3671 8x10 Inches 2371x3143	In "define new" Do not modify/add Select only Delete only
Film Sheet Formats, Landscape	Number of pixels [columns x rows]	14x17 Inches 5306x4448 14x14 Inches 4331x4448 11x14 Inches 4448x3356 10x12 Inches 3671x3143 8x10 Inches 3143x2371	In "define new" Do not modify/add Select only Delete only
Medium Type		blue film	Yes
Film Destination		processor	No
Color Appearance		monochrome	No
Background		black	Yes
Transformation		replicate	Yes

Note: Do not modify and/or add film sizes.
Do not modify pixel sizes.
Delete film sizes that are not available at customer site.

The pixel size is 78.15 µm, because only integer values are shown in the user interface.
To achieve the right real size results it is important to set transformation to "replicate".

3 Hardcopy Camera, Configuration

3.1 Identification

Device-Type:	DICOM Camera
Device-Name:	DryView 8900
Manufacturer:	Kodak
SW-Revision:	Rev.C, MIM 5.5b12
Physical Type:	Ethernet, RJ45
Network Protocol:	TCP / IP
Manufacturer's Specification :	DICOM Conformance Statement, Rev. A, January 16, 2003
Serial No.:	n.a.
Image Memory:	786 MB-RAM
Hard Disk:	40 GB-HD
Number of Inputs:	1 Network
Number of Outputs:	n.a.
Number of Operation Panels:	1 built Touch Panel

3.2 SCP / Printer Settings (provided by OEM)

file name	content	remarks
No file available	8900 Setup: ■ on Configuration, System, Network: ■ Host Name=DV8900, IPAddr=accordingly ■ Subnet Mask=accordingly, Gateway Addr=accordingly ■ on Configuration, DICOM SCP, Communications: ■ Port=5040, Association Limit=12, Source Name=DICOM ■ on Configuration, Destination: ■ General: Log.Name=8900 ■ Media Types: Media=35x43cm, 9100x11037, 10781, Any ■ Media Types: Media=35x35cm,9100x9087, 8831, Any ■ Media Types: Media=11x14in, 7137x9100, 8844, Any ■ Media Types: Media=10x12in, 6490x7767, 7511, Any ■ Media Types: Media=8x10in, 5167x6490, 6234, Any ■ Formatting: Aspect Ratio Mix Page=On, Aspect Ratio Mix Row=On ■ Formatting: Image Size Mix in Std Fmt=On, Image Size Mix Row=On ■ Formatting: DICOM Annotation Box=On, Req.Image Size=On ■ Formatting: Req.Size Scale=On, Req.Size Mix Page=On ■ Formatting: Req.Size Mix Row=On, Trim=On, ■ Formatting: True Landscape=On, Rotation=On ■ Formatting: Minify/Crop=On, Tonescaling on Image Basis=On ■ Formatting: Max Img Band=20, Max Band Page=20, Max Img Cols=0 ■ Formatting: Max Img Rows=0, Pixel Pitch=25.5910, Min Horiz Sep=4 ■ Formatting: Min Vert Sep=4, Trim Width Enabled=4 ■ Formatting: Trim Width Disabled=0, Maximum DMAX=3.30 ■ on Configuration, DICOM SCP, SCP Services, select specific modality, Modify: ■ Negotiate Presentation LUT=N,	Provided by Kodak

	■ TFT/ULUT= Wrkstn2a.w87 (Always=Y) ■ Contrast= 1 (Always=Y), Smoothing Type=0 (Always=Y), Image Polarity (Always=N) ■ Dmin=0.00 (Always=N), Dmax=3.00 (Always=N) ■ NeventReports=No (Always=Y), Warnings=Yes ■ Print Priority=Normal (Always=N), Border=3.99 (Always=N) ■ Film Base=Blue Film (Always=N), Film Size=14INx17IN (Always=N) ■ Sorter Bin=Bin1 (Always=N), Print Date=No, Print Time=No, ■ Page Nbr=No, Hosp.Name=No, Modality ID=No ■ Annotation Override=No, Image Resizing=Minify/Scale (Always=N), ■ Text Box Location=None, Source ID=leo	
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Note: Maximum number of associations supported: 12

3.3 Error and Warnings Messages

Printer (SCP) defined message	Displayed message at modality (SCU)
EMPTY 14X14 BLUE	Camera cover, drawer or door open.
PRINTER OFFLINE	Connection to camera is not available.
COVER OPEN	Camera cover, drawer or door open.
FILM JAM	Film Jam.
CALIBRATION ERR	Problem in calibration. Film quality may not be optimal.
BAD SUPPLY MGZ	Problem with supply magazine
PROC INIT	Processor initializing.

No other errors or warnings have been tested.

4 Image Quality and Optical Density

4.1 Reference Film and LUT

Released Film Type	DVB	
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Refer to: Uroskop Access, General Hardcopy Camera Information

4.2 Real Size Scaling

n.a.

5 Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look-Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

6 Changes to Previous Version

n.a.

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